

## INTERNATIONAL SEARCH REPORT

In International Application No  
PCT/IB2004/051460A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G06T1/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G06T H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category ° | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
|------------|--|-----------------------|
| X          | HARTUNG F ET AL: "Spread spectrum watermarking: malicious attacks and counterattacks"<br>PROCEEDINGS OF THE SPIE - THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING, USA, vol. 3657, January 1999 (1999-01), pages 147-158, XP002308705<br>ISSN: 0277-786X<br>* Section 4.4.1, lines 1-31 *<br>-----<br>----- | 1-6,<br>10-20         |
| Y          |  | 7-9                   |

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## ° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the International filing date but later than the priority date claimed

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Date of the actual completion of the International search

3 December 2004

Date of mailing of the International search report

21/12/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax (+31-70) 340-3016

Authorized officer

dos Santos, L

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
|----------|---|-----------------------|
| Y        | CALDELLI R ET AL: "Authorized MPEG-4 video fruition via watermarking recovering and smart card certification"<br>PROCEEDINGS OF THE SPIE - THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING, USA, vol. 4793, January 2003 (2003-01), pages 57-63, XP002308708<br>ISSN: 0277-786X<br>* section 3.2 *<br>-----               | 7-9                   |
| A        | US 6 546 113 B1 (LUCAS KEITH ET AL)<br>8 April 2003 (2003-04-08)<br>column 2, line 1 - line 16<br>column 2, line 44 - line 62<br>figure 4<br>-----  | 1-20                  |
| A        | DOMINGO-FERRER J ET AL: "Enhancing watermark robustness through mixture of watermarked digital objects"<br>PROCEEDINGS INTERNATIONAL CONFERENCE ON INFORMATION TECHNOLOGY: CODING AND COMPUTING IEEE COMPUT. SOC LOS ALAMITOS, CA, USA, 2002, pages 85-89, XP002308706<br>ISBN: 0-7695-1506-1<br>* section 2.1.2 *<br>----- | 1-20                  |
| A        | VOLOSHYNOVSKIY S ET AL: "Attacks on digital watermarks: classification, estimation based attacks, and benchmarks"<br>IEEE COMMUNICATIONS MAGAZINE, USA, vol. 39, no. 8, August 2001 (2001-08), pages 118-126, XP002308707<br>ISSN: 0163-6804<br>abstract<br>-----   | 1-20                  |
| A        | VENKATESAN R ET AL: "Image watermarking with better resilience"<br>PROCEEDINGS ICIP 2000, vol. 1, 10 September 2000 (2000-09-10), pages 403-406, XP010530636<br>page 404, last paragraph<br>-----   | 1-20                  |

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

In

ional Application No

F.,, IB2004/051460

| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
|--|------------------|-------------------------|------------------|
| US 6546113                             | B1 08-04-2003    | NONE                    |                  |